**FIG.1**

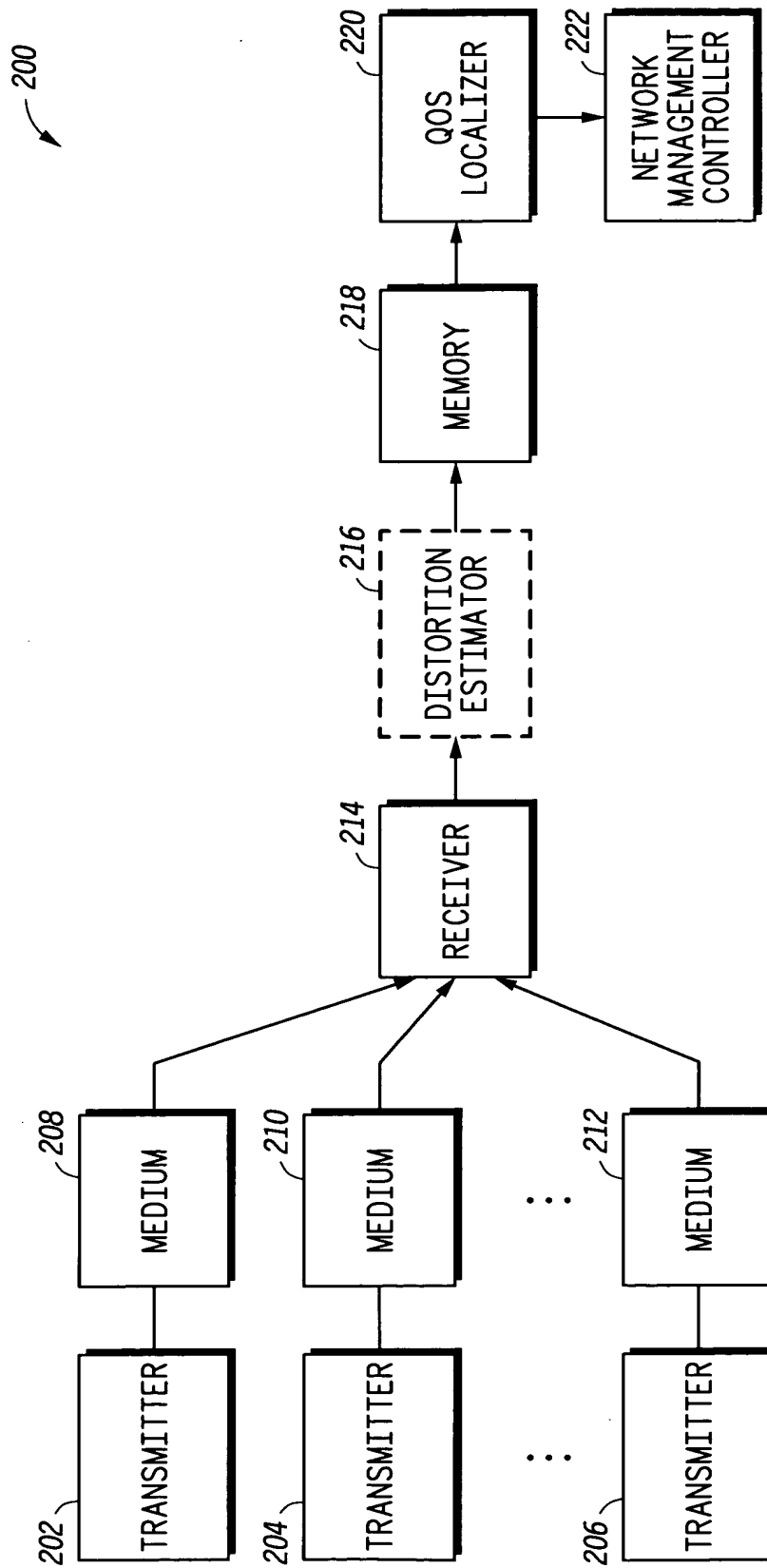
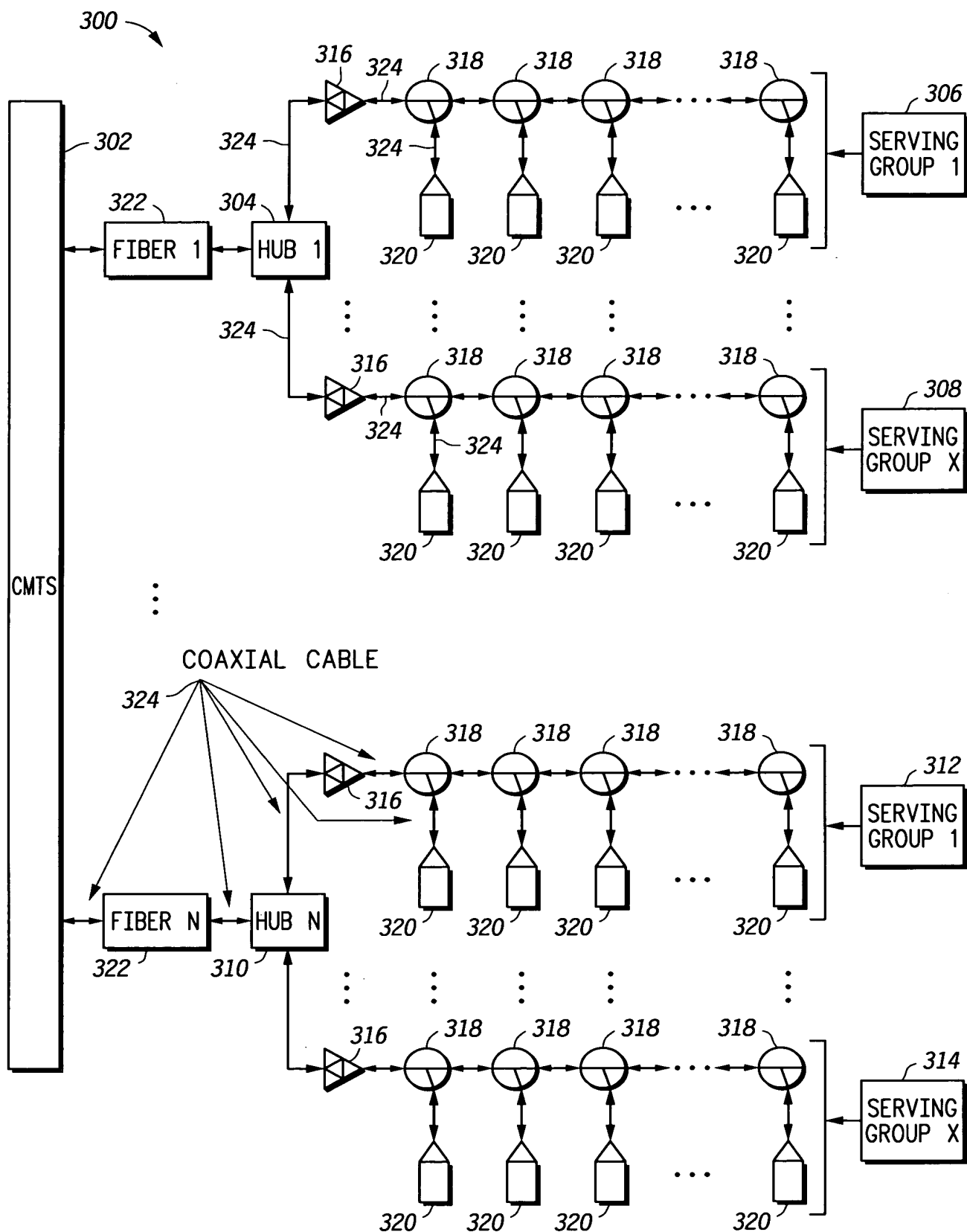


FIG. 2



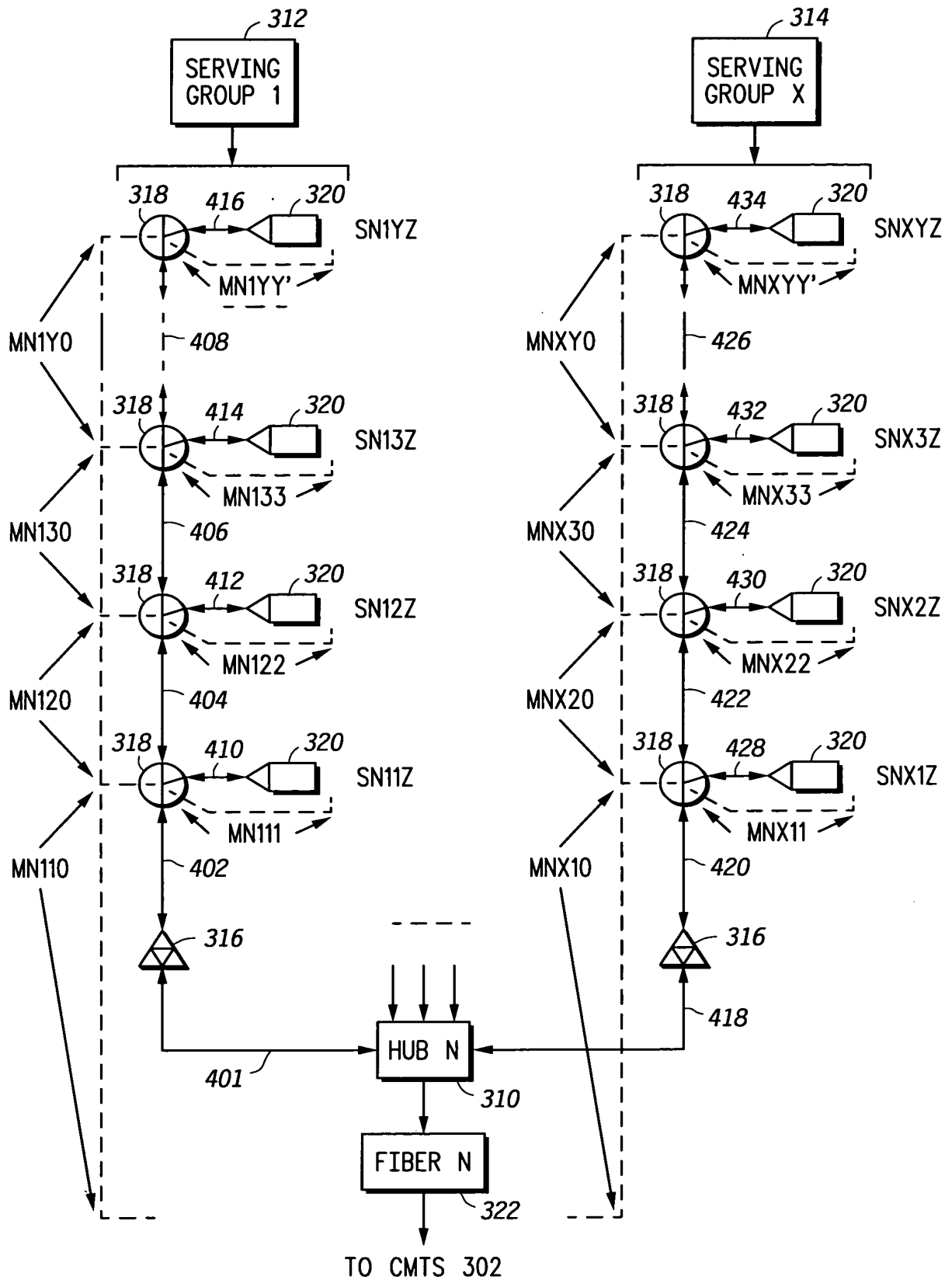
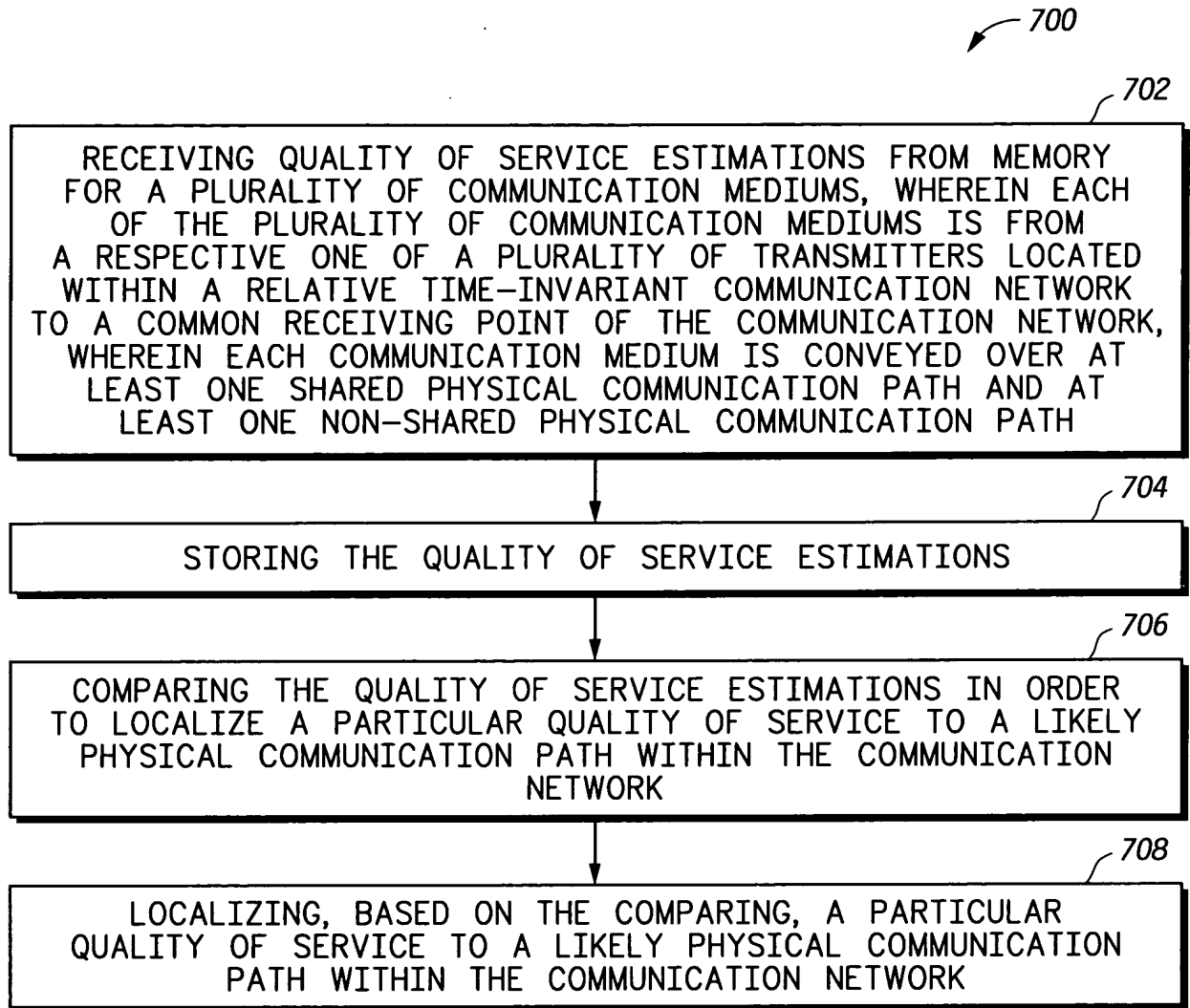


FIG. 4

TABLE 1

HUB	SERVING SUBSCRIBER POOL		MEDIUMS		M[NXY'Y'] FIELDS						
	GROUP	S[NXYZ] FIELDS									
1	1	S[11YZ]		M[1110]	M[1111]	M[1120]	M[1122]	M[11...0]	M[11...Y']	M[11Y0]	M[11YY']
1	2	S[12YZ]		M[1210]	M[1211]	M[1220]	M[1222]	M[12...0]	M[12...Y']	M[12Y0]	M[12YY']
1	...	...		...	...	...	...	...	...	...	...
1	X	S[1XYZ]		M[1X10]	M[1X11]	M[1X20]	M[1X22]	M[1X...0]	M[1X...Y']	M[1XY0]	M[1XYY']
2	1	S[21YZ]		M[2110]	M[2111]	M[2120]	M[2122]	M[21...0]	M[21...Y']	M[21Y0]	M[21YY']
2	2	S[22YZ]		M[2210]	M[2211]	M[2220]	M[2222]	M[22...0]	M[22...Y']	M[22Y0]	M[22YY']
2	...	...		...	...	...	...	...	...	...	...
2	X	S[2XYZ]		M[2X10]	M[2X11]	M[2X20]	M[2X22]	M[2X...0]	M[2X...Y']	M[2XY0]	M[2XYY']
3	1	S[31YZ]		M[3110]	M[3111]	M[3120]	M[3122]	M[31...0]	M[31...Y']	M[31Y0]	M[31YY']
3	2	S[32YZ]		M[3210]	M[3211]	M[3220]	M[3222]	M[32...0]	M[32...Y']	M[32Y0]	M[32YY']
3	...	...		...	...	...	...	...	...	...	...
3	X	S[3XYZ]		M[3X10]	M[3X11]	M[3X20]	M[3X22]	M[3X...0]	M[3X...Y']	M[3XY0]	M[3XYY']
...
N	1	S[N1YZ]		M[N110]	M[N111]	M[N120]	M[N122]	M[N1...0]	M[N1...Y']	M[N1Y0]	M[N1YY']
N	2	S[N2YZ]		M[N210]	M[N211]	M[N220]	M[N222]	M[N2...0]	M[N2...Y']	M[N2Y0]	M[N2YY']
N	...	...		...	...	...	...	...	...	...	...
N	X	S[NXYZ]		M[NX10]	M[NX11]	M[NX20]	M[NX22]	M[NX...0]	M[NX...Y']	M[NXY0]	M[NXYY']

FIG.5

*FIG. 7*